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From: Winston Hsu, Registration No. 41,526

Serial No.: 10/605,563

Attorney Docket No.: REAP0020USA4

Subject: Information Disclosure Statement (IDS)

Total Pages: 6 pages (including cover page)

Winston Hsu JAN. 1 O 2007

REAP0020USA4_D1_2

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			U	S. Patent and	Trademark Office;	PTO/SB/21 (07-06) through 09/30/2006, OMB 0651-0031 U.S. DEPARTMENT OF COMMERCE
TR	RANSMITTAL FORM all correspondence after initial of Pages in This Submission		Application Number Fiting Date First Named Inventor Art Unit Examiner Name Attorney Docket Number	10/60: 10/09/ Der-Zi 2618 LE, Ni	5,563	displays a valid OMB control number.
Amendmi Ai Ai Extension Express A Informatic Certified (Document Incomplet	smittal Form ee Altached ent/Repty fiter Final ffidevits/dectaration(s) n of Time Request Abandonment Request on Disclosure Statement Copy of Priority n(s) Missing Parts/ te Application epty to Missing Parts nder 37 CFR 1.52 or 1.53		Drawing(s) Jensing-rolated Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocibange of Correspondent Ferminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on	ce Address	After Appe of Appe (Appe Propr Status	Allowance Communication to TC all Communication to Board peats and Interferences all Communication to TC at Notice, Brief, Reply Brief) letery Information is Letter Enclosure(s) (please Identify):
Firm Name Signature Printed name	North America Intelle	ctual Pro	F APPLICANT, ATT	ORNEY, C	OR AGENT	
Date JAN. 1 O 2007 Reg. No. 41,526						
I hereby certify the sufficient postage the data shown be Signature	at this correspondence is as first class mail in an er clow. Zoe V	being facsi nvelope ad	ATE OF TRANSMIS mile transmitted to the US dressed to: Commissione	SPTO or depo	sited with the U	nited States Postal Service with Alexandria, VA 22313-1450 on JAN. 1 O 2007

This collection of information is required by 87 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14 This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for roducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTC/SB/17 (07-06)
Approved for use through 01/31/2007, OMB 0651-0032
U.S. Patent and Trademerk Office: U.S. DEPARTMENT OF COMMERCE to a collection of information unless it displays a valid OMB control Under the Paparwork Reduction Act of 1995 no persons are required to Effective on 12/08/2004, pursuant to the Consolidated Appropriations Act, 2005 (H.R., 4818) Complete if Known 10/605,563 Application Number FEE TRANSMITTA 10/09/2003 Filing Date For FY 2005 Der-Zheng Liu First Named Inventor LE, NHAN T Examiner Name Applicant claims small entity status. See 37 CFR 1.27 Art Unit Ż618 TOTAL AMOUNT OF PAYMENT (\$) 0.00 REAP0020USA4 Attorney Docket No. METHOD OF PAYMENT (check all that apply) Other (please identify): Deposit Account Deposit Account Number: 50-3105 Deposit Account Name North America Intellectual Property Corporation For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) ✓ Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments under 37 CFR 1.16 and 1.17 WARNING: Information on this form may become public, Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2008. FEE CALCULATION 1. BASIC FILING, SEARCH, AND EXAMINATION FEES SEA **EXAMINATION FEES** SEARCH FEES Small Entity Small Entity Small Entity **Application Type** Fee (5) Foos Paid (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) Utility 300 150 500 250 200 100 Design 200 100 100 50 130 65 Plant 200 300 100 150 160 80 300 Reissue 150 500 250 600 300 200 **Provisional** 100 0 O 0 0 EXCESS CLAIM FEES Small Entity Fee Description Fee (\$) Feq (\$) Each claim over 20 (including Reissues) 50 25 200 Each independent claim over 3 (including Reissues) 100 180 Multiple dependent claims 360 **Total Claims** Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims Fee Paid (\$) - 20 or HP = Fee (\$) HP = highest number of total claims paid for, if greater than 20. Indep, Claims Extra Claims FOR (\$) Fee Paid (\$) -3 or HP = HP = highest number of independent claims paid for, if greater than 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small emity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets

Extra Sheets

Number of each additional 50 or fraction thereof

Fee (5) Foe Paid (\$) (round up to a whole number) 4. OTHER FEE(S) Fees Paid (\$) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge):

SUBMITTED BY						
Signature	admiton Home	Registration No. (Attorney/Agent) 41,526	Telephone 3027291562			
Name (PrinVType)	Winston Hsu		Date JAN, 1 O 2007			

This collection of information is required by 37 GFR 1.136. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to precess) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 GFR 1.14. This collection is estimated to take 39 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Targe will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this borden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Der-Zheng Liu, et al.

5 Appl. No.: 10/605,563 Filing Date: 10/09/2003

Examiner: LE, NHAN T Art Unit: 2618

Docket No.: REAP0020USA4 Confirmation No.: 2562

Title: AUTOMATIC GAIN CONTROL OF MULTIPLE ANTENNA OFDM

10 RECEIVER

To: Commissioner for Patents

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Alexandria, VA 22313-1450

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Subject: Information disclosure statement under 37 CFR \$1.56

20 Dear Sir,

This is an Information Disclosure Statement in accordance with the duty to disclose information material to patentability under 37 CFR \$1.56. The applicant wishes to make of record the document(s) listed on the accompanying form PTO/SB/08.

Since this IDS is filed after the mailing date of the first Office action but before final Office action/notice of allowance, consideration of the information disclosure statement is hereby requested according to 37 CFR \$1.97(c).

That each item of information contained in the information disclosure statement was first cited in an Office communication mailed on December 22, 2006 for the US parent application number 10/249,557, which are no more than three months prior to the filing of the information disclosure statement.

The is respectfully requested that the examiner can consider the document(s) listed on the accompanying form PTO/SB/08 and that it be made of record in the application. The applicants sincerely hope that the examiner initials the cited reference(s) on the form and that a copy of the initialed form be sent to the applicants with the next communication from the examiner.

Respectfully submitted,

20 Winton Hars

JAN. 1 O 200

Winston Hsu, Patent Agent No. 41,526

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PTO/SR/08# (07-06) Approved for use through 00/30/2008, OMS 0651-0031

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Substitute for form 1449A/PTO	Complete if Known			
	Application Number	10/605,563		
INFORMATION BIBOLOGUES	Filing Date	10/09/2003		
INFORMATION DISCLOSURE	First Named Inventor	Der-Zheng Liu		
STATEMENT BY APPLICANT	Art Unit	2618		
(Use as many sheets as necessary)	Examiner Name	LE, NHAN Y		
Sheet of I	Attorney Docket Number	REAP0020USA4		

<u> </u>				DOCUMENTS	
Examiner Initials*	Cite No. ⁷	Document Number Number-Kind Code ^{2 (8 xm-wd)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	U5- 2002/0181549 A1	12-05-2003	Linnartz, Johan Paul Marie Gerard; et al.	
	2	US- 2004/0005010 A1	01-08-2004	Me. Ping; et al.	
	3	US- 2003/0112882 A1	06-19-2003	Sampath, Florianth	
	4	US- 6,141,393	10-31-2000	Thomas, et al.	
	5	US- 6,862,440 B2	03-01-2005	Sampath	
	6	US- 6,996,195 B2	02-07-2006	Kadous	and the state of t
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Docoment	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicants unique citation designation number (optional). 2 See kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-lotter code (WIPO Standard ST.3). 4 For Japanese parted documents, the indication of the year of the region of the Emperor must precede the sensil number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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